



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Shinichi IRISAWA, et al.

Appln. No.: 09/599,726

Confirmation No.: 9228

Filed: June 23, 2000

Docket No: Q59149

Group Art Unit: 2879

Examiner: Roy, Sikha

#9/Amend B
Amended
1/6/03

RECEIVED
DEC 13 2002
2800 MAIL ROOM

For: ARC TUBE AND MANUFACTURING METHOD THEREFOR

AMENDMENT UNDER 37 C.F.R. § 1.111

Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action dated September 20, 2002, please amend the above-identified application as follows:

IN THE CLAIMS:

Please enter the following amended claims:

- 31
1. (Amended) An arc tube comprising:
an arc-tube body which incorporates a light-emission tube having a discharge space and pinch seal portions formed on two sides of said discharge space, said tube being made of a quartz glass; and
a pair of tungsten electrodes pinch-sealed to said pinch seal portions, respectively, such that leading ends of said pair of tungsten electrodes project into said discharge space, wherein average roughness of a surface of each of said tungsten electrodes in contact with said pinch seal portions is 3 μm or smaller.